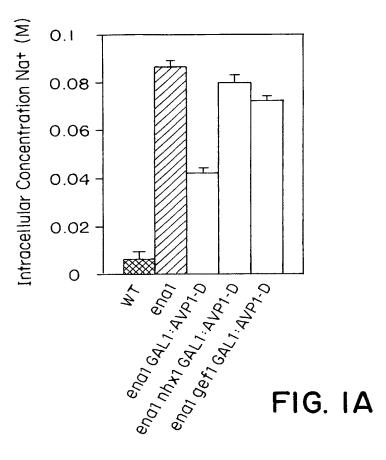
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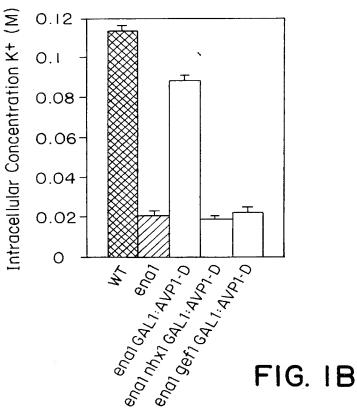
09/834,998

Title: Proton Transporters And Uses In Plants

Inventors:

Roberto A. Gaxiola, et al.





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AtNhx1 HsNhe-6 ScNhx1	1 1 1	M M	A L	R S		G V	W L		R N	A I	P A			R V		v L		s T		Р -					L							L D		A L	0 33 30
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AtNhx1 HsNhe-6 ScNhx1	217 297 262	Y G M	- 1	F,	∍S∵	G	ี S       S	F	Α	М	G	A	A	*T}	G	٧	V	Т	·A	٤L.	٠V۶	Т :	Ki	F	T,	K	L	-	R	E	F	Q	D L Q		249 328
AtNhx1 HsNhe-6 ScNhx1	250 329 294	E	V T S	G		F	M F L	. Ľ	M	S	Ŵ	S	T	F	L		$\mathbf{A}^{*}$	E	Α	W	G	F	Ť.	Ğ	۸ ,	٧	Α	V	Ĺ.	ÌĒ.	C	G.	î Lê	Z∗T-	282 361 326
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AtNhx1 HsNhe-6 ScNhx1	316 395 360	S	Y Y Y	М	G	L	Т	A L L	F	T	F	Q	Ν	Н	_	s :	V.	F	Ν	P	Т	F	V	V	I G V	A.	F	V	A	رَيْ إِنَّ	F	L	G - -	L - -	348 423 388
AtNhx1 HsNhe-6 ScNhx1	349 424 389	· -	M -	-	Ğ	R	A A W	A	Ν	ı,	Ŷ`	Pِدُ.	Ľ.	S	L	È.	L	N.	Ľ.	G	R	R	S	K		- - T	- - I	- - R	- S	S - M	- S	- G	- - !	- T	372 443 417
AtNhx1 HsNhe-6 ScNhx1	373 444 418	- G	-	- N	-	- S	- V	_	-	114	G	S -	N	Fΰ	O.	V H Q	M	М	M	F.	Α	G`	_	L	R ~	GÙ.	Α	М	А	F	Α,	1 - 4	Α	1	399 467 449
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AtNhx1 HsNhe-6 ScNhx1	462 533 510	W A	H L I	F	R	M	N N	Υ	Ν	F	D	Н	Ν	Υ	L	Κ,	Ē,	L	L	Т	Н	S	G	Р	Р	L	Т		Т	L		Α	C A	С	488 565 541
AtNhx1 HsNhe-6 ScNhx1	489 566 542	G G S	Р	ı		R R N		L	Т	S	Ρ	Q	Α	Υ,	Ε	R N G	Q.	Ε	Q	L	K	D	D	D	SI	0	L	1	L	Ν	D	G		1	520 598 574
AtNhx1 HsNhe-6 ScNhx1	521 599 575	P S S	F L S	Т	Υ	G	S D R	S	T !	V	Ν	T	Ε	P	Α	Τ.	S	S	Α.	P D	R S	R Q I	F i	M (	G I	<b>V</b>	s ·	s -	E-	D D	A E	L Q	D V	R L	538 631 605
HsNhe-6 ScNhx1	632 606	E K	L P	A V	F.	G L	D D	H	E	L S	V Р	I S	R L	G Q	T D	R S	L A	V T	L Q	P S	М I	D I	D ·	S F	E I	5 ·	P Q I	L I	Н	L	L	D	Ν	Т	664 633
HsNhe-6	665	R	Н	G	Ρ	Α								ļ	=10	<b>ન</b>	っ																		669

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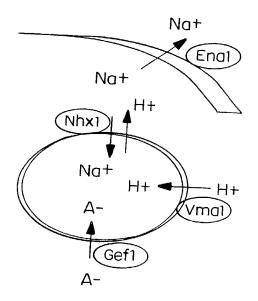


FIG. 3A

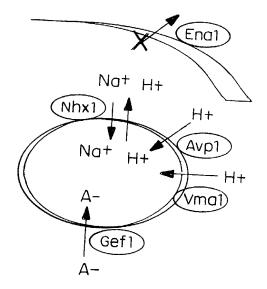


FIG. 3B